## **ABSTRACT OF THE DISCLOSURE**

## Compounds of the formulae

$$C + CH_{2}O - CH_{2}O - R_{1}$$

$$R_{7} - C + CH_{2}O - R_{2}$$

$$R_{5} - R_{2}$$

$$R_{5} - CH_{2}O - CH_{2}O$$

$$C \longrightarrow CH_{2}O \longrightarrow R_{6}$$

$$R_{7} \longrightarrow C \longrightarrow CH_{2}O \longrightarrow R_{6}$$

$$Z \longrightarrow N \longrightarrow N$$

$$Z \longrightarrow N \longrightarrow N$$

$$R_{6} \longrightarrow N \longrightarrow N$$

$$R_{7} \longrightarrow N \longrightarrow N$$

$$R_{8} \longrightarrow N$$

$$R_{8} \longrightarrow N \longrightarrow N$$

$$R_{8} \longrightarrow$$

and

wherein Z is  $-OR_1$ ,  $-SR_1$ , or  $-NR_1R_2$ , Y is  $-OR_3$ ,  $-SR_3$ , or  $-NR_3R_4$ , at least one of  $R_1$ ,  $R_2$ ,  $R_3$ ,  $R_4$ ,  $R_5$ , and  $R_6$  is hydrogen, at least one of  $R_1$ ,  $R_2$ ,  $R_3$ ,  $R_4$ ,  $R_5$ , and  $R_6$  is other than hydrogen, at least one Z or Y within the compound is  $-NR_1R_2$  or  $-NR_3R_4$ ,  $R_1$ ,  $R_2$ ,  $R_3$ ,  $R_4$ ,  $R_5$ ,  $R_6$ , and  $R_7$  each, independently of the others, is hydrogen, alkyl, aryl, arylalkyl, or alkylaryl, and wherein  $R_7$  can also be alkoxy, aryloxy, arylalkyloxy, alkylaryloxy, polyalkyleneoxy, polyaryleneoxy, polyarylalkyleneoxy, polyaryleneoxy, polyarylalkyleneoxy, polyaryleneoxy, silyl, siloxane, polysilylene, polysiloxane, or

$$C$$
  
---(CH<sub>2</sub>)<sub>r</sub> ---X-C--(CH<sub>2</sub>)<sub>s</sub>CH<sub>3</sub>

wherein X is a direct bond, oxygen, sulfur, -NR<sub>40</sub>- wherein R<sub>40</sub> is hydrogen, alkyl, aryl, arylalkyl, or alkylaryl, or -CR<sub>50</sub>R<sub>60</sub>- wherein R<sub>50</sub> and R<sub>60</sub> each, independently of the other, is hydrogen, alkyl, aryl, arylalkyl, or alkylaryl, and wherein R<sub>6</sub> can also be